

APPLICANTS: Chalife et al.
U.S.A.N.: 09/724,842

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	SEQ ID NO: 10	Lys-Lys-Leu-Val-Phe-Phe-Ala (all-D)
	SEQ ID NO: 11	Lys-Phe-Val-Phe-Phe-Ala (all-D)
	SEQ ID NO: 12	Ala-Phe-Phe-Val-Leu-Lys (all-D)
	SEQ ID NO: 13	Lys-Leu-Val-Phe (all-D)
5	SEQ ID NO: 14	Lys-Ala-Val-Phe-Phe-Ala (all-D)
	SEQ ID NO: 15	Lys-Leu-Val-Phe-Phe (all-D)
	SEQ ID NO: 16	Lys-Val-Val-Phe-Phe-Ala (all-D)
	SEQ ID NO: 17	Lys-Ile-Val-Phe-Phe-Ala-NH ₂ (all-D)
	SEQ ID NO: 18	Lys-Leu-Val-Phe-Phe-Ala-NH ₂ (all-D)
10	SEQ ID NO: 19	Lys-Phe-Val-Phe-Phe-Ala-NH ₂ (all-D)
	SEQ ID NO: 20	Ala-Phe-Phe-Val-Leu-Lys-NH ₂ (all-D)
	SEQ ID NO: 21	Lys-Leu-Val-Phe-NH ₂ (all-D)
	SEQ ID NO: 22	Lys-Ala-Val-Phe-Phe-Ala-NH ₂ (all-D)
	SEQ ID NO: 23	Lys-Leu-Val-Phe-Phe-NH ₂ (all-D)
15	SEQ ID NO: 24	Lys-Val-Val-Phe-Phe-Ala-NH ₂ (all-D)
	SEQ ID NO: 25	Lys-Leu-Val-Phe-Phe-Ala-Gln (all-D)
	SEQ ID NO: 26	Lys-Leu-Val-Phe-Phe-Ala-Gln-NH ₂ (all-D)
	SEQ ID NO: 27	His-His-Gln-Lys-Leu-Val-Phe-Phe-Ala-Gln (all-D)
	SEQ ID NO: 28	Asp-Asp-Asp (all-D)
20	SEQ ID NO: 29	Lys-Val-Asp-Asp-Gln-Asp (all-D)
	SEQ ID NO: 30	His-His-Gln-Lys (all-D)
	SEQ ID NO: 31	Phe-Phe-NH-CH ₂ CH ₂ SO ₃ H (all-D)
	SEQ ID NO: 32	Phe-Phe-NH-CH ₂ CH ₂ CH ₂ SO ₃ H (all-D)
	SEQ ID NO: 33	Phe-Phe-NH-CH ₂ CH ₂ CH ₂ CH ₂ SO ₃ H (all-D)
25	SEQ ID NO: 34	Phe-Tyr-NH-CH ₂ CH ₂ SO ₃ H (all-D)
	SEQ ID NO: 35	Phe-Tyr-NH-CH ₂ CH ₂ CH ₂ SO ₃ H (all-D)
	SEQ ID NO: 36	Phe-Tyr-NH-CH ₂ CH ₂ CH ₂ CH ₂ SO ₃ H (all-D)
	SEQ ID NO: 37	HO ₃ SCH ₂ CH ₂ -Phe-Phe (all-D)
	SEQ ID NO: 38	HO ₃ SCH ₂ CH ₂ CH ₂ -Phe-Phe (all-D)
30	SEQ ID NO: 39	HO ₃ SCH ₂ CH ₂ CH ₂ CH ₂ -Phe-Phe (all-D)
	SEQ ID NO: 40	HO ₃ SCH ₂ CH ₂ -Phe-Tyr (all-D)
	SEQ ID NO: 41	HO ₃ SCH ₂ CH ₂ CH ₂ -Phe-Tyr (all-D)
	SEQ ID NO: 42	HO ₃ SCH ₂ CH ₂ CH ₂ CH ₂ -Phe-Tyr (all-D)
	SEQ ID NO: 43	HO ₃ SCH ₂ CH ₂ -Leu-Val-Phe-Phe-Ala (all-D)

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SEQ ID NO: 44 HO₃SCH₂CH₂CH₂-Leu-Val-Phe-Phe-Ala (all-D)
SEQ ID NO: 45 HO₃SCH₂CH₂CH₂CH₂-Leu-Val-Phe-Phe-Ala (all-D)
SEQ ID NO: 46 Leu-Val-Phe-Phe-Ala-NH-CH₂CH₂SO₃H (all-D)
SEQ ID NO: 47 Leu-Val-Phe-Phe-Ala-NH-CH₂CH₂CH₂SO₃H (all-D)
5 SEQ ID NO: 48 Leu-Val-Phe-Phe-Ala-NH-CH₂CH₂CH₂CH₂SO₃H (all-D).

The compounds listed above may be modified by removing or inserting one or more amino acid residues, or by substituting one or more amino acid residues with other amino acid or non-amino acid fragments.

The following are exemplary compounds derived from compound 18 (all-D KLVFFA-NH₂ (SEQ ID NO: 18)) by substituting one or two amino acid residue(s) with other amino acids.

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SEQ ID NO: 49 Lys-Leu-Val-Trp-Phe-Ala-NH₂(all-D)
SEQ ID NO: 50 Lys-Leu-Val-Phe-Trp-Ala- NH₂ (all-D)
SEQ ID NO: 51 Lys-Leu-Val-Trp-Trp-Ala- NH₂ (all-D)
SEQ ID NO: 52 Lys-Leu-Val-Tyr-Phe-Ala- NH₂ (all-D)
15 SEQ ID NO: 53 Lys-Leu-Val-Phe-Tyr-Ala- NH₂ (all-D)
SEQ ID NO: 54 Lys-Leu-Val-Tyr-Tyr-Ala- NH₂ (all-D)
SEQ ID NO: 55 Lys-Leu-Val-Thi-Phe-Ala- NH₂ (all-D)
SEQ ID NO: 56 Lys-Leu-Val-Phe-Thi-Ala- NH₂ (all-D)
SEQ ID NO: 57 Lys-Leu-Val-Thi-Thi-Ala- NH₂ (all-D)
20 SEQ ID NO: 58 Lys-Leu-Val-Cha-Phe-Ala- NH₂ (all-D)
SEQ ID NO: 59 Lys-Leu-Val-Phe-Cha-Ala- NH₂ (all-D)
SEQ ID NO: 60 Lys-Leu-Val-Cha-Cha-Ala- NH₂ (all-D)
SEQ ID NO: 61 Lys-Leu-Val-Pgly-Phe-Ala- NH₂ (all-D)
SEQ ID NO: 62 Lys-Leu-Val-Phe-Pgly-Ala- NH₂ (all-D)
25 SEQ ID NO: 63 Lys-Leu-Val-Pgly-Pgly-Ala- NH₂ (all-D).

Pursuant to 37 CFR 1.121(b)(1)(iii), a marked up version of the amended text showing the changes made appears herein as Appendix A.

In the Claims:

30 Please cancel claims 1-45 without prejudice or disclaimer and replace with new claims 46-103, as follows: